

What is claimed is:

1. An adjustable threshold and door sill assembly, comprising:
 - an elongated sill assembly having a length, wherein the elongated sill assembly includes at least one elongated channel extending substantially the length of the elongated sill assembly, wherein the elongated sill assembly includes an upwardly extending lip structure positioned adjacent one of the at least one elongated channel;
 - an elongated rail assembly extending at least a portion of the length of the elongated sill assembly, wherein a portion of the elongated rail assembly is received within the at least one elongated channel, wherein the elongated rail assembly includes a leading portion of the elongated rail assembly that engages the upwardly extending lip structure; and
 - a plurality of adjuster assemblies fixedly secured within one of the at least one channel for adjusting the vertical position of the elongated rail assembly with respect to the elongated sill assembly.
2. The adjustable threshold and door sill assembly according to claim 1, wherein each of the plurality of adjuster assemblies includes a base member secured to the channel and an adjustment member adjustably secured to the base member.
3. The adjustable threshold and door sill assembly according to claim 1, wherein the plurality of adjuster assemblies are spaced along the entire length of the channel.
4. The adjustable threshold and door sill assembly according to claim 3, further comprising:
 - at least one fixed component secured to elongated sill assembly, wherein at least one of the plurality of adjuster assemblies is located beneath the at least one fixed component.
5. A modular exterior threshold and door sill assembly for an entryway, wherein the entryway includes a pair of vertically extending jamb members, a header structure and at least one door, comprising:
 - an elongated sill assembly connected at opposing ends to the pair of vertically extending jamb members, wherein the elongated sill assembly includes a longitudinally extending sill base having a leading edge and a trailing edge, an upwardly extending portion extending from the trailing edge of the sill base, and an upwardly extending lip structure extending from the sill base, wherein the upwardly extending lip structure is laterally spaced

from the upwardly extending portion, wherein the upwardly extending lip structure, the upwardly extending lip structure and an interconnecting portion of the sill base form an elongated channel;

an elongated rail assembly extending at least a portion of the length of the elongated sill assembly, wherein a portion of the elongated rail assembly is received within the elongated channel, a leading portion of the elongated rail assembly engages the upwardly extending lip structure, and a trailing portion of the elongated rail assembly contacts a free end of the upwardly extending portion, wherein the elongated rail assembly is selectively positioned within the elongated channel; and

at least one sill component connected to one of the elongated rail assembly and the elongated channel, wherein the at least one sill component includes at least one of a cover assembly, an astragal bolt receiver assembly, a mullion boot assembly, a side panel spacer assembly and an outswing rail assembly.

6. The modular exterior threshold and door sill assembly according to claim 5, wherein the elongated rail assembly includes an elongated rail channel formed in an upper surface thereof.

7. The modular exterior threshold and door sill assembly according to claim 6, wherein the at least one sill component includes one of a cover assembly and an astragal bolt receiver assembly positioned within the elongated rail channel.

8. The modular exterior threshold and door sill assembly according to claim 7, wherein an astragal bolt receiver assembly is positioned within the elongated rail channel, wherein the astragal bolt receiver assembly comprises:

a body, wherein the body includes a forward portion sized to extend over the leading portion of the elongated rail assembly;

a bolt receiving aperture formed in the body; and

a least one fastening assembly connected to the body for releasably and adjustably securing the body within the elongated rail channel.

9. The modular exterior threshold and door sill assembly according to claim 8, further comprising at least one cover assembly positioned within the elongated rail channel, wherein the cover assembly covers the at least one fastening assembly.

10. The modular exterior threshold and door sill assembly according to claim 5, wherein the entryway includes at least one mullion located between the jamb members and at least one fixed panel positioned between one mullion and one of the jamb members, wherein the at least one sill component includes a mullion boot assembly connected each of the mullions, wherein the mullion boot assembly is received within the elongated channel.

11. The modular exterior threshold and door sill assembly according to claim 10, wherein the at least one sill component further includes a side panel spacer assembly, wherein the side panel spacer assembly is adapted to be the at least one fixed panel, wherein the side panel spacer assembly is received within the elongated channel, wherein the side panel spacer assembly is received within the elongated channel adjacent the mullion boot assembly.

12. The modular exterior threshold and door sill assembly according to claim 11, wherein the elongated rail assembly is an adjustable height rail assembly.

13. The modular exterior threshold and door sill assembly according to claim 12, wherein the elongated rail assembly is a fixed rail assembly.

14. The modular exterior threshold and door sill assembly according to claim 5, wherein the elongated sill assembly is a low profile sill assembly.

15. The modular exterior threshold and door sill assembly according to claim 14, wherein the elongated rail assembly is a fixed rail assembly.

16. The modular exterior threshold and door sill assembly according to claim 5, wherein the at least one door is an outwardly swinging door, wherein the at least one sill component includes an outswing rail assembly.

17. The modular exterior threshold and door sill assembly according to claim 16, wherein the outswing rail assembly includes a downwardly extending portion adapted to be received within the elongated channel.

18. The modular exterior threshold and door sill assembly according to claim 17, wherein the outswing rail assembly includes an upwardly projecting bumper, and a weatherstripping strip positioned within a recess in the bumper.

19. The modular exterior threshold and door sill assembly according to claim 5, wherein the elongated sill assembly is a high profile sill assembly.

20. The modular exterior threshold and door sill assembly according to claim 19, wherein the elongated sill assembly further includes an enclosed cavity formed therein, wherein the cavity is positioned on a side of the lip structure opposite the elongated channel.

21. The modular exterior threshold and door sill assembly according to claim 20, further comprising: at least one drainage port formed in the lip structure to permit the drainage of moisture from the elongated channel to the cavity.

22. The modular exterior threshold and door sill assembly according to claim 21, wherein the sill assembly further includes at least one drainage port to permit the drainage of moisture from the cavity to an exterior of the sill assembly.

23. The modular exterior threshold and door sill assembly according to claim 20, further comprising:

a pair of corner key assemblies, one corner key assembly being secured to one end of the sill assembly, another corner key assembly being secured to an opposite end of the sill assembly, wherein the corner key assemblies are sized to enclose the opposing ends of the sill assembly.

24. The modular exterior threshold and door sill assembly according to claim 23, wherein each corner key assembly comprising:

a vertical cap member sized to cover the end of the sill assembly;

at least one mounting projection extending from one side of vertical cap member, wherein the at least one mounting projection is sized to be received within one of the elongated channel and the cavity in the sill assembly.

25. The modular exterior threshold and door sill assembly according to claim 24, wherein each corner key assembly further comprising:

a first mounting extension extending from a side of the vertical cap member opposite the at least one mounting projection, wherein the mounting extension is sized to receive at least a portion of the vertical jamb member thereon.

26. The modular exterior threshold and door sill assembly according to claim 25,

wherein each corner key assembly further comprising:

a second mounting extension extending from the same side of the vertical cap member as the at least one mounting projection, wherein the second mounting projection is sized to receive at least a portion of the vertical jamb member thereon.

27. The modular exterior threshold and door sill assembly according to claim 26, wherein the second mounting extension is vertically spaced above an upper surface of the high profile sill assembly.

28. The modular exterior threshold and door sill assembly according to claim 24, wherein the vertical cap member forms a space between the vertical jamb member and the sill assembly, wherein a corner pad is positioned within the space.

29. The modular exterior threshold and door sill assembly according to claim 28, wherein the corner pad is configured to conform to the exterior profile of at least a portion of the vertical cap member.

30. The modular exterior threshold and door sill assembly according to claim 19, wherein the elongated rail assembly is an adjustable height rail assembly.

31. The modular exterior threshold and door sill assembly according to claim 31, wherein the adjustable height rail assembly comprises:

an elongated rail received within the elongated channel, wherein the elongated rail having a downwardly extending portion adapted to contact the sill base when the elongated rail is a lowermost position; and

an adjustment mechanism for raising and lowering the positioning of the elongated rail.

32. The modular exterior threshold and door sill assembly according to claim 31, wherein the adjustment mechanism comprising:

at least one adjustment bracket selectively positioned within the elongated channel; and

at least one adjustment cam operatively connected to the at least one adjustment bracket.

33. The modular exterior threshold and door sill assembly according to claim 31,

wherein the adjustment mechanism comprising:

a plurality of adjuster assemblies fixedly secured within the elongated channel for adjusting the vertical position of the elongated rail assembly with respect to the elongated sill assembly.

34. The modular exterior threshold and door sill assembly according to claim 31, wherein the adjustment mechanism comprising:

at least one spacer component for uniformly adjusting the vertical position of the elongated rail assembly with respect to the elongated sill assembly along the length of the elongated rail assembly, wherein each of the at least one spacer component is sized to be received in one of the at least one elongated channel and extend the length of the one channel, wherein each of the at least one spacer component has an installed position whereby the spacer component is positioned within the one elongated channel below a lower portion of the elongated rail assembly.

35. An adjustable threshold and door sill assembly, comprising:

an elongated sill assembly having a length, wherein the elongated sill assembly includes at least one elongated channel extending substantially the length of the elongated sill assembly, wherein the elongated sill assembly includes an upwardly extending lip structure positioned adjacent one of the at least one elongated channel;

an elongated rail assembly extending at least a portion of the length of the elongated sill assembly, wherein a portion of the elongated rail assembly is received within the at least one elongated channel, wherein the elongated rail assembly includes a leading portion of the elongated rail assembly that engages the upwardly extending lip structure; and

at least one spacer component for uniformly adjusting the vertical position of the elongated rail assembly with respect to the elongated sill assembly along the length of the elongated rail assembly, wherein each of the at least one spacer component is sized to be received in one of the at least one elongated channel and extend the length of the one channel, wherein each of the at least one spacer component has an installed position whereby the spacer component is positioned within the one elongated channel below a lower portion of the elongated rail assembly.

36. The adjustable threshold and door sill assembly according to claim 35, wherein each of the at least one spacer component has a stored position, wherein an upper portion of

the elongated rail assembly includes a rail assembly channel formed therein, wherein the at least one spacer component is located in the rail assembly channel when in the stored position.

37. The adjustable threshold and sill assembly according to claim 36, wherein the elongated rail assembly further includes a removable cover assembly for covering the rail assembly channel.

38. The adjustable threshold and sill assembly according to claim 35, wherein the at least one spacer components includes a plurality of spacer components.

39. The adjustable threshold and sill assembly according to claim 38, wherein the plurality of spacer components are integrally formed as a single unit.